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## INFORMATION DISCLOSURE CITATION

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MAIL  
12 JUN 1997Applicant:  
Andrew D. Greenberg, et al.Filing date:  
March 7, 1997Group art area:  
3302

## U.S. PATENT DOCUMENTS

Examiner Initials	Patent number	Date	Name	Class	Subclass	Filing date if appropriate
GR	5,213,555	5/25/93	Hood, et al.			
	5,117,170	5/26/92	Keane			
	5,089,960	2/18/92	Sweeney			
	5,062,632	11/5/91	Dalebout			
	5,054,774	10/8/91	Belsito			
	5,037,089	8/6/91	Spagnuolo			
	5,020,794	6/4/91	Englehardt			
	4,907,795	3/13/90	Shaw			
	4,869,497	9/26/89	Stewart			
	4,865,315	9/12/89	Paterson			
	4,831,242	5/16/89	Englehardt			
	4,828,257	5/9/89	Dyer			
	4,817,940	4/4/89	Shaw			
	4,779,865	10/25/88	Lieberman			
	4,765,613	8/23/88	Voris			
	4,746,113	5/24/88	Kissel			
	4,628,910	12/16/86	Krukowski			
	4,601,468	7/22/86	Bond			
	4,569,518	2/11/86	Fulks			
	4,566,692	1/28/86	Brentham			
	4,556,216	12/3/85	Pitkanen			
	4,544,154	10/1/85	Ariel			
	4,542,897	9/24/85	Melton			
	4,493,485	1/15/85	Jones			
	4,360,345	11/23/82	Hon			
	4,112,928	9/12/78	Putsch			
	4,099,713	7/11/78	Spector			
GR	4,063,726	12/20/77	Wilson			
GR	3,675,640	7/11/72	Gatts			

## FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation	
						YES	NO
M	38 07 038 C1	9/28/89	Germany (translation only)			X	
	93 07 657	10/14/93	Germany			X	
	38 14559 A1	11/9/89	Germany			X	
	2 057 275 A	4/1/81	Great Britain				
	0 445 617 A1	9/11/91	EPO				
	2 157 578 A	10/30/85	United Kingdom				
	2 094 647 A	9/22/82	United Kingdom				
	0 095 832 A1	12/7/83	EPO				
	0 152 995 A1	8/28/85	EPO				
↓	2 016 934 A	9/26/79	United Kingdom				
✓	2 045 215	2/26/71	France			X	
	230504	1/27/11	Germany (translation)				X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


GLENN E. RICHMAN

PATENT EXAMINER  
GROUP 3300

Examiner:

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11/04/97

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